

NXT M3 II - FUJI Pick & Place Machine

I. Description:

NXT M3 II is a modular high-speed placement machine. Discover unparalleled precision and productivity with the Fuji NXT M3 II, a cornerstone in SMT (Surface Mount Technology) equipment for EMS providers and OEMs.



II. Features

1. Engineered for flexibility, this pick and place machine seamlessly integrates into any electronics manufacturing setup, offering a blend of speed and accuracy with a feeder capacity that meets diverse assembly demands.
2. Its innovative design supports a wide range of part sizes, from 0402 to large ICs, ensuring high-quality placements with its precision nozzle technology.
3. The NXT M3 II is equipped to handle complex boards, contributing to reduced downtime and enhanced production efficiency.
4. Experience the best in class with Fuji's smart SMT solutions – a wise investment for any high-volume electronics assembly line, promising to elevate your manufacturing capabilities and throughput

III. Parameters

Device model	Fuji NXT M3II
Applicable substrate size	Maximum: 534mm(L)×610mm(W), Minimum: 48mm(L)×48mm(W)
Types of parts	MAX45 Type (8mm Strip Conversion)
Substrate loading time	Double conveyor track: 0sec in continuous operation, single conveyor track: 3.4sec
Placement accuracy	V12/H12HS placement head: ±0.038 (± 0.050) mm (3sigma), cpk≥ 1.00 H04S placement head: ±0.04mm (3sigma), cpk≥1.00 H08/OF placement head: ±0.05mm (3sigma), cpk≥1.00 H02/H01/G04 placement head: ±0.03mm (3sigma), cpk≥1.00
production capacity	V12 placement head: 26,000cph H12HS head: 22,500cph H08 placement head: 10,500cph H04S placement head: 9,500cph H02 Placement Head: 5,500cph H01 placement head: 4,200cph G04 placement head: 6,800cph OF placement head: 3,000cph
The width of the module	645mm
Machine size	4MII Base: L1390mm× W1934mm× H1474mm 2MII base: L740mm× W1934mm× H1476mm